

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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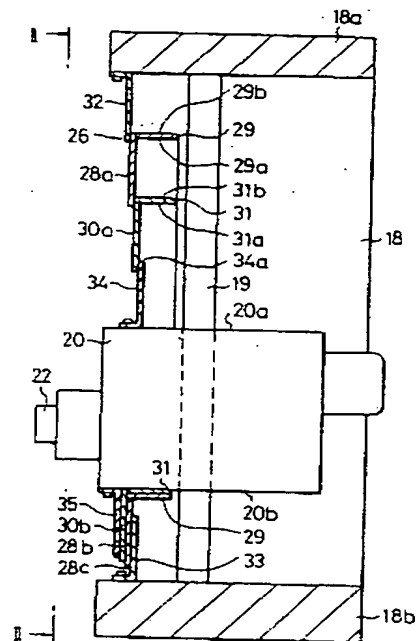
APPLICATION DATE : 22-08-85  
APPLICATION NUMBER : 60182991

APPLICANT : MAKINO MILLING MACH CO LTD;

INVENTOR : HASHIDATE AKITAKE;

INT.CL. : B23Q 11/08

TITLE : DUST GUARD COVER FOR MACHINE



ABSTRACT : PURPOSE: To reduce a space for receiving cover plates by forming and interconnecting the outermost cover plate couple with a fixed portion, the inner most cover plate coupled with a movable body and a plurality of the corresponding movable cover plates provided in series between said both plates at both sides of a movable body.

CONSTITUTION: Cover plates 32, 33 are coupled with fixed portions 18a, 18b and cover plates 34, 35 are coupled with a movable body 20. Movable cover plates 28a, 28b are interconnected through a connecting frame 29 and cover plates 30a, 30b are interconnected through a connecting frame 31. When the movable body 20 is elevated, the cover plate 34 is also elevated and the upper portion 34a of the cover plate 34 abuts against the lower surface 31a of the connecting frame 31 to push up the cover plates 30a, 30b. This is carried out sequentially to lift the movable body 20 so that the cover plate are telescopically contracted on the upper portion and expanded on the lower portion. In the descent of the movable body, it is reversed. Thus, the dimension of one cover plate can be reduced to reduce a space for receiving it.

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